

In re application of  
Marc R. Montminy  
Application No.: 10/628,957  
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Atty. Dkt. No. SALK1650-6 (088802-2758)

**Amendments to the Claims/Listing of the Claims**

Please amend claims 1, 3, 4, 6, 7 and 8 and cancel claim 5 as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) An isolated nucleic acid comprising a sequence encoding a fragment of CREB binding protein (CBP), wherein said fragment includes all or a portion of CBP which binds to CREB, **and wherein said fragment comprises residues 634-648 of SEQ ID NO:2.**
2. (Previously presented) The isolated nucleic acid of claim 1 wherein said fragment includes the arginine residue at position 600 of SEQ ID NO:2.
3. (Currently amended) The isolated nucleic acid of claim 1 wherein said fragment of CBP **comprises residues 1-661 of SEQ ID NO:2.**
4. (Currently amended) The isolated nucleic acid of claim 1 wherein said fragment of CBP **comprises residues 461-661 ID NO:2.**
5. (Canceled)
6. (Currently amended) An isolated nucleic acid comprising a sequence encoding a mutant fragment of CREB binding protein (CBP), wherein said fragment includes all or a portion of CBP which binds to CREB, **and wherein said fragment comprises residues 634-648 of SEQ ID NO:2.**
7. (Currently amended) **[[The]] An isolated nucleic acid of claim 1 comprising a sequence encoding a fragment of CREB binding protein (CBP), wherein said fragment comprises residues 461-661 of SEQ ID NO:2, and wherein** the residue at position 600 of SEQ ID NO:2 is an amino acid other than arginine.

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8. (Currently amended) The isolated nucleic acid of claim ~~[[1]]~~ 7 wherein ~~said fragment includes~~ the residue at position 600 of SEQ ID NO:2 is glutamine.
9. (Previously presented) A CBP fragment encoded by the sequence of claim 1.
10. (Previously presented) An antibody reactive with the CBP fragment of claim 9.